

CLAIMS

1. A device, for application to moka coffee machines, for making the so-called "coffee-cream", comprising a boiler (1) and a top cup (3), a perforated filter (5) in the bottom of said cup, whereby downstream of said filter (5) overlaying a basket element (2) for holding a coffee powder therein, is applied a membrane (7) made of rubber or other elastomeric material and including one or more microholes (8), and/or one or more incisions, characterized in that said membrane (7) is rigid with a sealing gasket (6) arranged between the coffee machine boiler (1) and cup (3), said sealing gasket (6) including an annular incision extending along its inner peripheral edge for engaging therein an outer peripheral edge of said filter (5).

2. A device, according to claim 1, characterized in that the microholes formed through said rubber or other elastomeric material membrane have a size from 0.1 to 0.7 mm.

3. A device, according to one or more of the preceding claims, characterized in that said membrane is adapted to be deformed by the pressure applied thereon by heated water, which heated water subjects said membrane to a resilient deformation to cause said membrane to assume a bulged configuration, with an upward facing convexity, whereas the water and steam exiting from the coffee machine boiler passes with a high speed through the coffee powder arranged in said coffee powder basket element and said filter.

4. A device, according to one or more of the preceding claims, characterized in that said membrane is subjected to a pressure stress, because of its elasticity, and is so deformed as to cause
5 said microholes and/or slits therefrom to be enlarged thereby allowing a coffee and steam infusion flow to pass with a high speed therethrough.

5. A device, according to one or more of the preceding claims, characterized in that said
10 incisions have either a rectilinear or a curved configuration, or a configuration resulting from a combination of differently shaped portions thereof.

6. A device for application to espresso coffee machines, according to one or more of the
15 preceding claims, characterized in that said membrane (7) is separated from said filter.

7. A device, according to one or more of the preceding claims, characterized in that said membrane (7) operates as a resilient safety valve,
20 designed for allowing a quick passage of the coffee infusion therethrough as in said boiler a pressure corresponding to an optimum temperature for making a coffee-cream is achieved.

8. A device, according to one or more of the preceding claims, characterized in that said resilient membrane, upon ending the coffee infusion flow, automatically assumes its starting arrangement, so as to close said microholes.